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PATENT

Assistant Commissioner for Patents
Washington, D.C. 20231

On May 23, 2002

TOWNSEND and TOWNSEND and CREW LLP

By: [Signature]

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

JEGLA, Timothy James

Application No.: 09/810,796

Filed: March 15, 2001

For: KCNQ5, A NOVEL POTASSIUM
CHANNEL

Examiner: Bunner, B.

Art Unit: 1647

PRELIMINARY AMENDMENT AND
RESPONSE TO RESTRICTION
REQUIREMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Restriction Requirement mailed April 30, 2002, please
amend the application as follows:

IN THE CLAIMS

Please cancel claims 1-40 without prejudice to subsequent revival.

Please add claims 41-48

41. (new) An isolated nucleic acid encoding a polypeptide comprising
an alpha subunit of a KCNQ potassium channel, wherein said polypeptide forms, with at
least one additional KCNQ alpha subunit, a KCNQ potassium channel having the

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